Index of Claims

| App | licati | on/C | ontrol | No. |
|-----|--------|------|--------|-----|

10/076,840

Examiner

Thaian N. Ton

Applicant(s)/Patent under Reexamination

MURPHY ET AL.

Art Unit

1632

| 1 | Rejected |
|---|----------|
| _ | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| Z | Non-Elected | |
|---|--------------|--|
| ı | Interference | |

| A | Appeal |
|---|----------|
| 0 | Objected |

| Cla | aim | | | D | ate | | | | | Cla | im | | | |] | Date | , | | | | [| Cla | aim | | | | C | ate | | | _ | \Box |
|-------------|----------------------|-----------------|--|------------|----------|---------|-----------------|----------|---|-------|------------|--------------|--------------------|--|--|----------|----------|---|--|--------------------|-----|-------|------------|----------|----------|---|----------|----------|----------|----------|----------|----------|
| l _ | - a | 50/01/11 | 1 | | | | | | | _ | च | 2 | | | | | | | | | | | <u> </u> | | | | | 1 | | | - 1 | |
| Final | Original | 3 | | | 1 | | | | | Final | Original | 11/18/05 | | 1 | | | | | | | | Final | Original | | | | | | | | - 1 | - |
| 证 | l iği | | | | | | | | | 证 | Ö | ΙΞ | | ĺ | | | | | | | | ΙŒ | Öric | | | | | | | | l | |
| | | 7 | \perp | \perp | _ | \perp | \sqcup | _ : | | | | Ľ | lacksquare | | | Ш | _ | _ | \perp | 4 | | | | | _ | | _ | _ | _ | _ | _ | 凵 |
| | | \perp | \perp | \perp | | \perp | \sqcup | 4 | | | 5 | L | <u> </u> | L | _ | Ш | _ | | 4 | _ | | | 101 | | _ | | | _ | _ | 4 | _ | |
| | 1 | \perp | | | | \perp | \vdash | _ | | | 52 | ╙ | _ | ᆫ | _ | Ш | 4 | | \bot | _ | | | 102 | Ц | _ | | _ | _ | _ | | _ | _ |
| | 1 | \perp | | | 4 | \perp | \sqcup | -1: | | | 58 | _ | _ | _ | | | _ | | ╀ | _ ::: | | | 103 | | | _ | | _ | _ | _ | 4 | _ |
| | 1 | \perp | | | | \perp | \sqcup | _[: | | | 5 | _ | ┞_ | _ | _ | | _ | _ | 4- | 4 | | | 104 | | _ | _ | _ | _ | _ | _ | _ | _ |
| | 1.5 | | \perp | | 4 | \perp | _ | _ | | | 55 | <u> </u> | <u> </u> | <u> </u> | _ | Ш | _ | _ | \bot | 4 | | | 105 | Ш | \dashv | _ | | 4 | - | 4 | 4 | ᆜ |
| | 6 | | \perp | \perp | | \bot | \sqcup | 4 | | | 56 | _ | _ | | _ | | _ | | \perp | _ | | | 106 | | _ | | | _ | _ | 4 | \dashv | _ |
| | $oxed{oxed}$ | \vdash | \bot | \dashv | \perp | \bot | \sqcup | - | | | 57 | _ | ┞ | <u> </u> | _ | | | - | <u> </u> | 4 | | | 107 | | | | | 4 | _ | _ | \dashv | |
| | 8 | | \perp | \dashv | \perp | + | \vdash | - | | | 5 <u>8</u> | <u> </u> | ┡ | | _ | Ш | 4 | + | + | 4 | - | | 108 | | | _ | _ | | | 4 | 4 | |
| ļ | 9 | | | | | + | | -4: | | | 59 | ļ | <u> </u> | _ | _ | Н | _ | | + | 4 | | | 109 | | | _ | _ | _ | _ | 4 | \dashv | _ |
| <u> </u> | 110 | | | | - | - | $\vdash \vdash$ | - | | | 60 | | \vdash | <u> </u> | | \vdash | | | | -1 | | | 110 | \vdash | | | \vdash | - | - | - | \dashv | _ |
| - | 11 | | + | \dashv | - | -{ | \vdash | | | | 61 | \vdash | | ⊢ | ⊢ | Н | - | + | + | \dashv | | | 111 | Н | - | _ | - | | \dashv | | \dashv | |
| <u> </u> | 12 | \vdash | +- | \vdash | + | + | $\vdash \vdash$ | - | | | 62 | \vdash | ₩ | \vdash | \vdash | Н | \dashv | + | + | - | :: | | 112 | Н | \dashv | | \vdash | - | - | \dashv | \dashv | |
| | 13 | \vdash | + | \vdash | | + | \vdash | \dashv | | | 6 <u>8</u> | - | ┼ | ├ | | \vdash | | | + | - | | | 113 114 | Н | \dashv | _ | | | | -+ | \dashv | |
| <u> </u> | 14 | \vdash | + | \vdash | + | + | $\vdash \vdash$ | | | | | ⊢ | \vdash | \vdash | \vdash | Н | - | + | + | - :: | ⊪ | | 114 | \vdash | \vdash | _ | \vdash | \dashv | \dashv | \dashv | \dashv | \dashv |
| \vdash | 15 15 | | | ┝╌┼╴ | -+- | | \vdash | - : | - | | 65 65 | ┢ | ╁ | ┢ | | Н | - | + | + | - :: | ∦ | | 115 116 | Н | \dashv | | \vdash | | - | - | \dashv | - |
| - | 17 | ⊢⊢ | + | \vdash | + | + | $\vdash \vdash$ | \dashv | | | 67 | ₩ | ┼ | ⊢ | - | \vdash | - | + | + | - | ŀ | | 117 | \vdash | \dashv | | \vdash | \dashv | | | \dashv | \dashv |
| | 11/ 1B | $\vdash \vdash$ | + | \dashv | \dashv | + | ┝╼┼ | | | | 6B | \vdash | ╂ | ╁─ | \vdash | \vdash | \dashv | + | + | - :: | ijŀ | | 118 | \vdash | \vdash | | - | ┥ | \dashv | \dashv | \dashv | \dashv |
| | 19 | $\vdash \vdash$ | + | \dashv | + | +- | \vdash | - | | | 69 69 | ├ | ╁ | ╁ | ╁ | Н | | + | + | - :: | ::: | | 119 | H | \dashv | | \vdash | - | \dashv | \dashv | \dashv | \dashv |
| - | | ╁ | + | + | + | +- | \vdash | - | | | 75 | - | ╁ | ┢ | ┝ | Н | - | | ┿ | -1:: | | | 120 | - | \dashv | _ | - | | \dashv | \dashv | \dashv | \dashv |
| - | 3 | \vdash | + | \vdash | + | + | \vdash | \dashv | | | # | ╁ | \vdash | ┢ | \vdash | Н | \dashv | + | + | - | ⊪ | | 121 | | - | | - | \dashv | | \dashv | 一 | \dashv |
| - | 36 | \vdash | + | \vdash | + | + | \vdash | - | | | 72 | ╁ | \vdash | \vdash | \vdash | Н | \dashv | -+ | + | - :: | | | 122 | | \dashv | | Н | \dashv | \dashv | | \dashv | \dashv |
| | 2D 21 22 23 | ⊢ ⊢ | _ | \vdash | + | + | \vdash | \dashv | | | 78 | ╁ | ╁ | ┢ | ⊢ | H | \dashv | - - | ╁ | \dashv | | | 123 | | | | Н | \dashv | \dashv | | \dashv | \dashv |
| | 2# | \vdash | + | \vdash | + | +- | \vdash | \dashv | | | 74 | ╁ | ╁ | ┢ | \vdash | H | \dashv | \dashv | + | $\dashv \parallel$ | H | | 124 | | | | - | \dashv | - | - | \dashv | \dashv |
| | 1 | \vdash | + | \vdash | + | + | \vdash | \dashv | | | # | ╁ | \vdash | ┢ | \vdash | Н | \dashv | \dashv | + | - | ⊪ | | 125 | - | \dashv | | Н | \dashv | \dashv | - | \dashv | \dashv |
| - | 36 | \vdash | | \vdash | | + | \vdash | - | | | 75 76 | ╂ | ╁╌ | - | - | Н | - | | +- | - | ⊪ | | 126 | - | \dashv | | Н | | | - | - | \dashv |
| | 25 25 27 | \vdash | +- | \vdash | _ | ╅ | \vdash | - | | | 70 | \vdash | \vdash | \vdash | \vdash | Н | \dashv | \dashv | + | - | H | | 127 | \vdash | \dashv | | \dashv | \dashv | ᅥ | \dashv | \dashv | - |
| - | 28 | | + | | <u> </u> | ╁ | H | \dashv | | | 78 | ╁ | ╁ | | | | \dashv | \dashv | + | ┨ | H | | 128 | - | | | Н | \dashv | | _ | _ | \dashv |
| <u> </u> | 29 | \vdash | _ | \vdash | | +- | H | \dashv | | | 79 | V | ╁ | | | | \dashv | - | + | - | ⊪ | | 129 | | | | | _ | | | \dashv | - |
| \vdash | 35 | \vdash | _ | \vdash | + | + | \vdash | - | | | 80 | Ì | ╁ | + | ┢ | - | \dashv | | +- | - | ı | | 130 | - | | - | \vdash | ᅱ | \neg | - | \dashv | \dashv |
| | 31 | \vdash | | - | - | +- | H | - | 1 | | 81 | H | ┪ | H | | | \dashv | | ╈ | ١:: | | | 131 | \vdash | \vdash | | \neg | \dashv | \dashv | _ | \dashv | \dashv |
| | 32 | \vdash | + | \vdash † | | + | 1 | - | | | 82 | ┪ | ┼ | | \vdash | | \dashv | \dashv | + | 4: | iii | | 132 | \vdash | \vdash | | _ | \dashv | \dashv | | \dashv | |
| | 3В | | 1 | \vdash | | +- | 1 | | | | 83 | П | 1 | <u> </u> | \vdash | | | | \top | 1 | | | 133 | | | - | | | | | ヿ | \neg |
| \Box | 34 | | \top | \Box | \dashv | \top | H | - | | | 84 | Ħ | T | Т | \vdash | | 寸 | 十 | \top | 1 | | | 134 | | H | | П | | _ | \neg | 一 | \dashv |
| | 35 | Ιİ | \top | \sqcap | \top | 1 | \sqcap | | | | 85 | \sqcap | T | T | Г | | | | \top | 1 | | | 135 | П | \sqcap | | | | | \dashv | 寸 | |
| | 35 | | | П | \top | Ì | | | | | 86 | Ħ | | | | | | | \top | 78 | | | 136 | П | П | | П | | | \neg | 寸 | |
| | 37 | | \top | П | \top | | | | | | 87 | П | \vdash | T | | | 寸 | | 十 | | | | 137 | | | | | | | \neg | ヿ | |
| | 38 | | \neg | | | | | | | | 88 | | | | | | 一 | T | | 7 | | | 138 | | | | | | | | | _ |
| | 3 | | \Box | | | | | | | | 89 | \prod | | | | | | | T | | | | 139 | | | | | | | | \Box | |
| | 40 | | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | | | | | | | | 90 | \square | | | | | | $oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | I | | | | 140 | | | | | | | | | |
| | 41 | | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | | | | | | | | 91 | \prod | | | | | | | | | | | 141 | | | | | | | | 二 | |
| | 42 | $\Box \top$ | $oldsymbol{ol}}}}}}}}}}}}}}$ | | | | | | | | 92 | \prod | Γ | | | | | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | $oldsymbol{ol}}}}}}}}}}}}$ | | | | 142 | | | | | | | | | |
| | 43 | | | | | | | | | | 93 | \Box | | | | | | I | floor | | | | 143 | | | | | | | | | |
| | 44 | | | | | | | | | | 94 | √ | | | | | | | | | | | 144 | | | | | | | | \Box | |
| | 45 | | | | | | Ш | | | | 95 | 匚 | $oxedsymbol{oxed}$ | 匚 | \Box | | \Box | $oldsymbol{\mathbb{I}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Gamma}}}$ | ╝ | | | 145 | | | | | | | | \Box | |
| | 46 | | | \Box | | | | | | | 96 | | | | | | | $oxed{\Box}$ | \Box | | | | 146 | | | | | | | | \Box | |
| | 47 | \Box | | \Box | | | | _ | | | 97 | | | L | | | | | | _ | | | 147 | | | | | | | | [| |
| | 48 | \Box | | Ш | | | | _ | | | 98 | | $oxed{oxed}$ | | <u> </u> | | | $oldsymbol{ol}}}}}}}}}}}}}}}$ | | _[:: | | | 148 | | | | |] | | | _[| |
| | 49 | | | Ц | | \perp | Ш | _] | | | 99 | 匚 | 匚 | | | | | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | \perp | _ | | | 149 | | | | | | | | \Box | |
| | 50 | | | Ш | | Ш_ | Ш | : | | | 100 | <u>L</u> | L | <u></u> | L_ | Ш | | [_ | \perp | _]:: | [| | 150 | L | | | Ш | | | \sqcup | \sqcup | |